

# Converting Colors

Hex(0C143D)

Have a look what the booklet for  
Hex(0C143D) contains.

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# Color

**Hex(0C143D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0C143D
RGB	12, 20, 61
RGB Percent	5%, 8%, 24%
CMY	0.9529, 0.9216, 0.7608
CMYK	0.80, 0.67, 0.00, 0.76
HSL	230°, 67%, 14%
HSV	230°, 80%, 24%
XYZ	1.2441, 0.9154, 4.5260
YIQ	22.2820, -17.9290, 11.0550

# Conversions

## Conversions Part 2

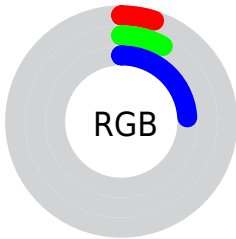
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	12, 19, 61
Decimal	791613
CIE <sub>Lab</sub>	8.27, 13.24, -27.44
CIE <sub>LCh</sub>	8, 30.471, 295.756
Yxy	0.9154, 0.1861, 0.1369
Android (android.graphics.Color)	4278981693 (0xFF0C143D)
YUV	22.2820, 19.0880, -9.0173
Hunter-Lab	9.5676, 6.4670, -21.3500

# Details

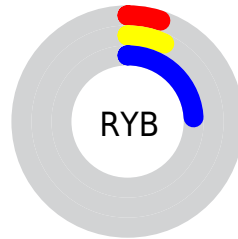
The Hex color **0C143D** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3D350C**, and the grayscale version is **161616**.

A 20% lighter version of the original color is **3E3E6D**, and **000110** is the 20% darker color. If you saturate the color by 10%, you get **060F3D**, and if you desaturate by 10%, it is **12193D**.

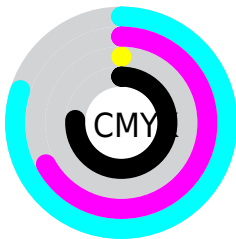
# Distribution



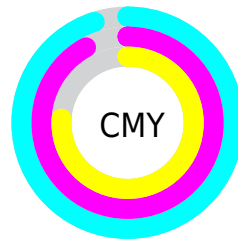
- Red (5%)
- Green (8%)
- Blue (24%)



- Red (5%)
- Yellow (7%)
- Blue (24%)



- Cyan (80%)
- Magenta (67%)
- Yellow (0%)
- Black (76%)



- Cyan (95%)
- Magenta (92%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0C143D changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 0C143D by changing the saturation by 10% instead.



0C143D

0C143D

F9F4FF

000027

3E3E6D

000110

575587

000000

706DA1

8A87BC

A5A1D8

C0BCF4

DDD7FF

0C143D

0C143D

■ 060F3D

■ 12193D

■ 000A3D

■ 181E3D

■ 1E233D

■ 24283D

■ 2B2E3D

■ 31333D

■ 37383D

■ 3D3D3D

■ 43423D

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



001C41



0C143D



2D072F

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



0C143D



310D00



002214

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



0C143D



3D350C

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



002000



0C143D



221600

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



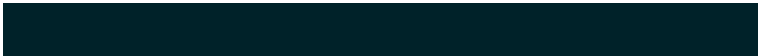
0C143D



3A0100



0C1C00



002229

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



0C143D



360023



0C1C00



00220B



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



0C143D



3C3F4F



0C3D35



1D1F29



A8A8A8



292929



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



0C143D



03104F



1C0C3D



1C1C1F



000F5E



0024DE



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



3D0C14



4F0310



2D3D0C



1F1C1C



5E000F



DE0024



# Previews

## White Background



This preview shows how the Hex color 0C143D looks on a white background.

## Color Contrast Check

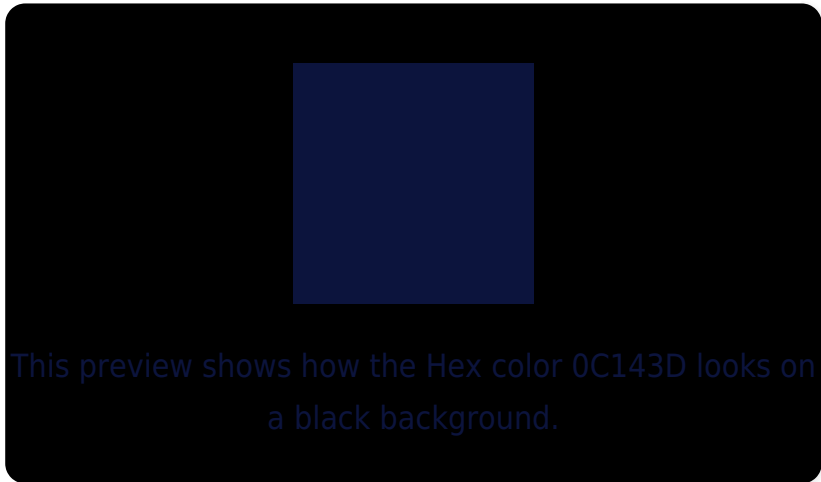
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

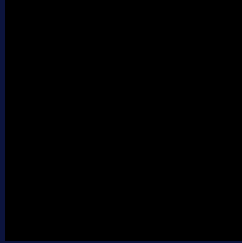
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0C143D Background



This preview shows how black text looks on a background with the Hex color 0C143D.



This preview shows how white text looks on a background with the Hex color 0C143D.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



**Original Color**  
0C143D

**Protanopia**  
001833

**Deuteranopia**  
001A2B



**Tritanopia**  
001C1D

# Trichromacy



**Original Color**

0C143D

**Protanomaly**

041737

**Deuteranomaly**

041832

**Tritanomaly**

041929

# Monochromacy



**Original Color**

0C143D

**Achromatopsia**

161616

**Achromatomaly**

121524

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0C143D is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #0C143D looks like.

```
.text, #text, p{  
    color:#0C143D  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #0C143D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C143D
}
```

## Border

The CSS property to change the border of an element to Hex 0C143D is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

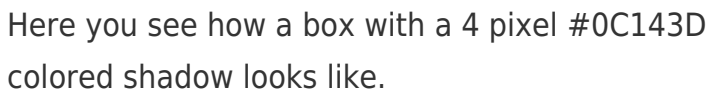
```
.border, #border, table{ border:4px solid
#0C143D }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#0C143D }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #0C143D colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border on the top and left sides, and a thicker dark blue shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C143D; -webkit-box-shadow:4px 4px  
4px 4px #0C143D; box-shadow:4px 4px 4px  
4px #0C143D }
```

# Background

The CSS property to change the background color of an element to Hex 0C143D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C143D }
```

If only the background color should be changed can be used:

```
.background{ background-color:#0C143D }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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